

1/4

Evergreen Recycling & Disposal  
Northwood, OH

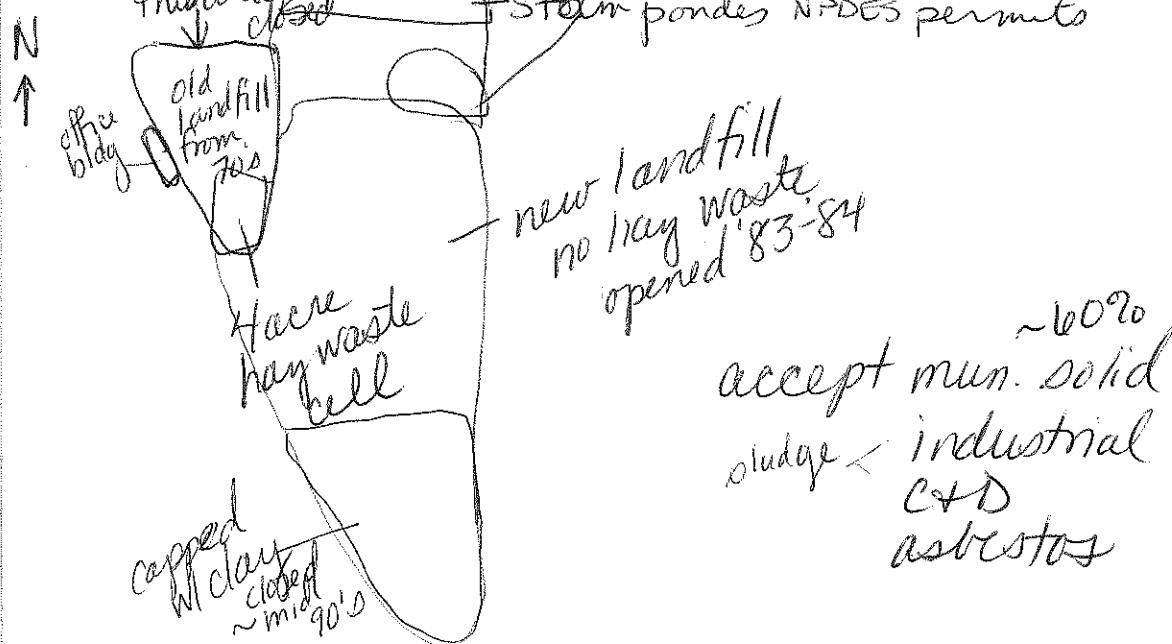
3:30 PM

4/4/16

w/ Ken Ruffats

- John Randolph - district engineer
  - primary role Env. Compliance
  - bren here
  - 5 yrs

- Site open since early 1970s



accept mun. solid  
sludge < industrial  
C&D  
asbestos

Asbestos Waste scheduled 1-2 days in advance.

- signs on trucks
- signs up when dumping - covered immediately

- leachate pumped along E side of perimeter
  - force main to oil/H<sub>2</sub>O separator
- gravity drain to wet well to city sewer
- 88 gas extraction wells
  - 159 acres active site

gas collected to gas plant  
↳ H<sub>2</sub>O knockout

CBI

- gas sent to Toledo Refinery
  - started a month or two ago
- used to send to Walbridge coatings
- gas through lines per month ~2000scfm
- geomembrane lined (active cell)

copy of 2015 Annual Report

~191,000 tons waste accepted 2015

projected ~35 yrs left

- amt. recd decreased lately

Hov - one high temp well ~140°F  
now down to ~125°F

Walbridge  
Site

well monitoring reports 2015

surface monitoring reports 2015 (SEM)  
Surface Emission Monitoring

- have had some hits recently  
- covered w/ dirt

pink  
odor come  
from  
soil

- elev. held to -700' (705')  
- vertical expansion in 2007  
to 735

- some complaints to DEPA
- complaints they get typically come to mobile home park to last well
- finalizing plans right now for 5 rebuilds
- NMOC calculated by corporate
  - they send spreadsheets to locations, loc. entered data, sent to corporate
- Cover Integrity Program
  - Bryan Fahrner (gas tech.) does monthly
    - ↳ for just this site
- flare on site for excess gas when gas plant off or industry shut down
  - ↳ continuous pilot
- will get us info on whether flow meter exists to flare

- gas collection control system design plan
- design capacity report (annual)
- performance test results
- well-head & surface emission monitoring reports
- semi-annual NSPS reports
- plot map

Waste  
in that  
section  
from ~2012  
  
also installed  
now in all  
collection  
systems

Tour @ 4:10PM

- have diesel fueling pumps
- wheel wash on site
- ~20 tons/truck  
~500 tpd
- hay waste sent to Vicinity for underground injection
- 20,000 gal tank for leachate recirculation
  - stopped using this year
  - only used for 2-3 yrs
  - used to do bromedication last time was a couple of yrs ago
- used to do odor control when they did solidification
  - tried ~ 6-8 mo in 2010:
    - mix w/ "natural deodorizers"
  - not planning on using again
- compressor bldgs to run some of wells in Southern Section
  - 10's of gullies on surface in copper area
  - strong gas
- noticed ~~strong~~ odors → sulfur smell  
headache from odors

Tour ended @ 4:40PM